



# DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



**Proposed DLMS Changes  
(PDCs) supporting DoD Item  
Unique Identification (IUID)  
Supply Policy**

**Shipment Status, Bar  
Codes, and Supply  
Discrepancy Reporting**

November 8, 2012

[www.dla.mil/j-6/dlms0](http://www.dla.mil/j-6/dlms0)



# Discussion Topics

- PDC 1030 Shipment Status Changes
- Shipment Status Scenarios
- PDC 399A Bar Codes on the Issue Release/Receipt Document (IRRD)
- PDC 1030 Supply Discrepancy Reporting Changes
- Supply Discrepancy Reporting Scenarios
- IUID Working Group



## PDC 1030 Changes: Shipment Status Overview

- PDC 1030 dated October 11, 2012
- Incorporate IUID in the DLMS 856S Shipment Status transaction when the Federal Logistics Information System (FLIS) IUID Indicator = Y (Yes)
- Pending full implementation of IUID policy, processing of outgoing shipments does not stop due to lack of Unique Item Identifier (UII) and/or serial number based upon IUID Indicator Y alone
- Initial shipping activity provide DLMS 856S with the UII and/or machine readable serial number when available on outbound shipment notices
- PDC identifies scenarios where additional research is required to identify a valid UII or serial number when required under approved Unique Item Tracking (UIT) programs
- Scope includes shipments under MILSTRIP rules and non-MILSTRIP shipments on a DD 1149, Requisition and Invoice/Shipping Document when DLMS shipment status is provided



# **PDC 1030 Changes: Shipment Status Overview**

- DD 1348-1A/including continuation page with UIDs and/or serial numbers of the items shipped
- Receiving activities use the UIDs and/or serial number in the shipment status for due-in information (appending the Prepositioned Materiel Receipt (PMR) or establishing a means to access the UID and/or serial number information from the 856S during the receiving process)
- Enhance positive control and visibility of IUID content in multiple-freight piece shipments
- No impact on existing UIT programs except to provide a UID if available



# Shipment Status Scenarios

- Material Release Order (MRO) Shipments
  - 856S prepared by storage site on behalf of materiel owner
  - DAAS routes per standard MILSTRIP rules
- Redistribution Order Shipments
  - 856S prepared by storage site on behalf of the materiel owner



# Shipment Status Scenarios

- Direct Vendor Delivery (DVD)
  - Manager provides 856S for materiel shipped directly by the vendor to customer
  - Manager will not provide IUID content in the 856S
  - Assumption: Receiving activity is DLMS compliant and will receive a copy of the WAWF 856 Advance Shipment Notice with IUID content





# Shipment Status Scenarios

- Lateral Redistribution Order (LRO) Shipments
  - Shipping activity prepare and transmit 856S (AS6) with IUID content to the Manager (originator of the LRO), citing distribution code 2 or 3
  - When LRO shipment status contains IUID content, Defense Automatic Addressing System (DAAS) mapping is used to prepare an 856S perpetuating the IUID content to the ship-to activity
  - Manager generates the 856S (AS8) without UIIs, from original requisition, to DAAS for routing/distribution under MILSTRIP rules
    - The customer supply system must ensure that the shipment status provided by the manager without UIIs does not overlay the LRO shipping activity's shipment status with UIIs
    - The Distribution Code 2 or 3 may be used to recognize the LRO shipping activity shipment status



# Shipment Status Scenarios

- Disposal Release Order (DRO)
  - Shipping activity provides 856S with UIDs to DLA Disposition Services Field Offices
- Shipment status in response to a follow-up
  - ICP follows MILSTRIP procedures and prepares response based on the 945A Materiel Release Confirmation which does not include UID or serial number at this time
  - This is a gap, and is a future DLMS enhancement for Components to consider
  - Significant systems changes would be required to redirect the follow-up for the shipping activity to respond





# Shipment Status Scenarios

- 856S Prepared by a Consolidation and Containerization Point (CCP)
  - When the CCP or other location performing consolidation prepares the shipment status, it will include the UII and/or serial number based on DoD IUID Supply Policy
  - CCP eligibility will not be altered based on the requirement to include the IUID data



# Shipment Status Scenarios

- Multiple Freight Pieces
  - One requisition shipped in multiple boxes and no partial Transportation Control Number (TCN)
  - Each box will have an identical Military Shipping Label (MSL) except for the box designation (e.g. Box 1 of 3, 2 of 3, and 3 of 3)
  - Enhances functionality of shipment status transaction supporting freight multi-piece - allows identification of the Ull and passive Radio Frequency Identification (pRFID) inside each box



# Shipment Status Scenarios

- Non-MILSTRIP Shipments (DD1149)
  - DLMS 856S modified to enable generation of shipment status to include identifying the pRFID information and associating the tag data to the document number on the DD1149 for the item(s) to be transshipped or cross-docked
  - Includes UII and/or serial number, and supports pRFID at the item or pack level



# PDC 399

## IRRD Bar Code Overview

- Proposed Addendum to Approved DLMS Change 399 (Staffed as PDC 399A), Automated Data Capture for Serialized Item Shipments and Preparation of the IRRD (DD Form 1348-1A or DD Form 1348-2) Continuation Page, October 11, 2012
- ADC 399 established the requirement and procedures for:
  - Identifying significant shipment data and the Ulls/serial numbers for multiple items within Portable Data File 417 (PDF417) 2D bar code(s) on the IRRD
  - Procedures for using a IRRD continuation page for Macro PDF 417 bar codes
  - Separate requirement for using Code 39 linear bar codes to identify all applicable serial numbers
- The proposed addendum updates the language and data encoding procedures
  - Requires Ulls and serial numbers be encoded and linked together, when they are machine readable and readily available, or when retrievable from the system generating the form
  - In order to establish the relationship between a specific Ull with its associated serial number, the PDC uses new technical approach (ISO/IEC 15434 Format 06 envelopes) to “bracket” the Ull and serial for each item within the 2D bar code(s)
  - It removes the ADC 399 requirement to link a Ull to the serial number used to derive the Ull (data identifier (DI) 42S)



# Overview of PDC 1030 Changes: Supply Discrepancy Reporting

- Receiving activities will prepare SDRs to report supply-related IUID discrepancies involving mismatched IUID content between the shipment status and the item or its packaging
- SDRs will identify the specific discrepant IUID data in the SDR transaction based upon SDR guidance, availability, and level of automation
- Discrepancies involving missing or mismatched IUID data identified during receipt of new procurement materiel (including DVD) must be reported prior to acceptance
- Pending full implementation of IUID, reporting mismatches and missing IUID content is required under approved UIT programs and when IUID is required by contract, but mismatches may be reported based upon IUID Indicator Y
- Pending full implementation of IUID policy, do not use SDRs to report lack of IUID content on shipment status, items, or packaging on shipments originating from a DoD activity based solely on IUID Indicator Y



# Overview of PDC 1030 Changes: Supply Discrepancy Reporting

- In order to facilitate reporting of discrepancies, particularly those involving discrepancies where inclusion of the IUID information is required/desirable, the SDR submission process should be integrated with the receiving process allowing receipt data to be captured once and reused
  - UII and/or serial number will be perpetuated to the SDR
  - SDR remarks text may be used to clarify specific mismatched data
- DLMS 842A/W SDR transaction exchange requires a data enhancement to distinguish IUID data for items received vs. IUID data for items not received <sup>14</sup>





# Overview of PDC 1030 Changes: Supply Discrepancy Reporting

- Discrepancies that result in incorrect information within the IUID registry at DLA Logistics Information Service must be reported by the receiving activity
- Pending development of procedures for direct routing of SDRs to DLA Logistics Information Service, send an email to the DLA Logistics Information Service IUID Help Desk
- PDC 1030 includes an SDR decision matrix for missing/mismatched IUID data for items identified by a NSN with IUID Indicator Y



# SDR Scenarios

- IUID PDC 1030 discrepancy scenarios:
  - Shortage: applicable discrepancy codes indicating IUID mismatch and shortage, including UII and/or serial number for item(s) not received based on comparison with shipment status and
  - Overage: applicable discrepancy codes indicating IUID mismatch and overage, including UII and/or serial number for the extra items not identified in the shipment status
  - Incorrect item: applicable discrepancy codes indicating wrong item w/IUID Indicator Y, including the UII and/or serial number for the wrong item(s) received
  - Mismatch with no discrepancy in quantity received: applicable discrepancy code indicating IUID mismatch including UII and/or serial number for item(s) received not matching the shipping information and UII and/or serial number of expected item(s) not received



# Timeline

